

INTERRUPT SERVICING FOR A MULTIPROCESSOR SUBSYSTEM

ABSTRACT OF THE DISCLOSURE

A driver program for a multiprocessor subsystem includes an interrupt servicing routine (ISR) and a deferred procedure call (DPC). The ISR, invoked in response to an interrupt, determines whether any of the co-processors in the multiprocessor subsystem generated an interrupt. If one of the co-processors generated an interrupt, the ISR schedules the DPC for execution and disables sending of further interrupts from all of the co-processors. The DPC services pending interrupts from any of co-processors, then re-enables sending of interrupts from the co-processors.

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